

BREAK-UP HIGH FOAMING DEGREASER

National Fire Protection Association (NFPA)	Fire Hazard		Hazardous Material Information System (HMIS)	Health	2
	Health			Reactivity	0
	Reactivity			0	
	Specific Hazard				
Protective Clothing	None required.		Emergency Overview	Clear Liquid. See Section 9. CAUTION: May cause eye and skin irritation.	

Section 1. Chemical Product and Company Identification

Product Name	BREAK-UP HIGH FOAMING DEGREASER	Code	3313117 & 3415711
Product Use	Industrial/Institutional: Cleaning product. This product is intended to be diluted prior to use.	PMS#	Not available.
MSDS#	F-00463003	Validation Date	1/14/2004
U.S. Headquarters JohnsonDiversey, Inc. 8310 16th Street Sturtevant, WI 53177-0902 (888) 352-2249 MSDS Internet Address: www.johnsondiversey.com	Canadian Headquarters JohnsonDiversey - Canada, Inc. 2401 Bristol Circle Oakville, Ontario L6H 6P1 Phone: 1-800-668-3131	Print Date	1/14/2004
		Supersedes	No Previous Validation.
		In Case of Emergency	(800) 851-7145

Section 2. Composition and Information on Ingredients

Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
Ethyl Alcohol	64-17-5	0.1-1	OSHA (United States). TWA: 1900 mg/m ³ ACGIH (United States). TWA: 1880 mg/m ³	ORAL (LD50): Acute: 7060 mg/kg [Rat]. VAPOR (LC50): Acute: 20000 ppm 10 hour(s) [Rat].
Polyoxyethylene Decylpropylamine	68478-95-5	1-5	Not available.	Not available.
Alkyl Poly Glycoside	110615-47-9	5-10	Not available.	Not available.
Lauryl Dimethyl Amine Oxide	1643-20-5	5-10	Not available.	Not available.
Cocamidopropyl Betaine	61789-40-0	10-30	Not available.	Not available.
Water	7732-18-5	60-100	Not available.	Not available.

Section 3. Hazards Identification

Routes of Entry	Inhalation. Skin contact. Eye contact.
Potential Acute Health Effects	
<i>Eyes</i>	May be moderately irritating to eyes.
<i>Skin</i>	May be moderately irritating to skin.
<i>Inhalation</i>	May be irritating to nose, throat, and respiratory tract.
<i>Ingestion</i>	May be irritating to mouth, throat and stomach.
Medical Conditions Aggravated by Overexposure:	Persons with pre-existing skin disorders may be more susceptible to irritating effects.
See Toxicological Information (section 11)	

**Section 4. First Aid Measures**

Eye Contact	Flush immediately with plenty of water. If irritation persists, get medical attention.
Skin Contact	Flush immediately with plenty of water. If irritation persists, get medical attention.
Inhalation	If breathing is difficult: Remove to fresh air. Get medical attention.
Ingestion	Immediately drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention.

Section 5. Fire Fighting Measures

Flammability of the Product	None known.
Flash Points	Closed cup: >93.333°C (200°F).
Products of Combustion	None known.
Fire Fighting Media and Instructions	Extinguish with water spray or carbon dioxide, dry chemical powder or appropriate foam. Normal fire fighting procedure may be used.
Special Remarks on Fire and Explosion Hazards	None known.

Section 6. Accidental Release Measures

Personal Precautions	Put on appropriate personal protective equipment (see Section 8.).
Environmental Precautions and Clean-up Methods	In the event of major spillage: Use appropriate containment to avoid environmental contamination. Sweep or scrape up material. Place in suitable clean, dry containers for disposal by approved methods. Use a water rinse for final clean-up.

Section 7. Handling and Storage

Handling	Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.
Storage	Store in a dry, cool and well-ventilated area. Protect from freezing. KEEP OUT OF REACH OF CHILDREN.

Section 8. Exposure Controls/Personal Protection

Engineering Controls	No special ventilation requirements. General room ventilation is adequate.
Personal Protection	
Eyes	No special requirements under normal use conditions.
Hands	No special requirements under normal use conditions. For prolonged or repeated contact with skin: Rubber gloves. Neoprene gloves.
Respiratory	No special requirements under normal use conditions.
Feet	No special requirements under normal use conditions.
Body	If major exposure is possible, wear suitable protective clothing.

Section 9. Physical and Chemical Properties

Physical State and Appearance	Liquid.
Odor	Odorless.
Color	Green.
pH	7.5 [Basic.]
Specific Gravity	1.02
Melting/Freezing Point	0°C (32°F)
Viscosity	300 cP (Dynamic).
Solubility in water	Complete.

**Section 10. Stability and Reactivity****Stability and Reactivity** The product is stable.**Conditions of Instability** None known.**Incompatibility with Various Substances** Reactive with oxidizing agents.**Hazardous Decomposition Products** When exposed to fire: Produces normal products of combustion.**Hazardous Polymerization** Will not occur.**Section 11. Toxicological Information****Acute toxicity** ORAL (LD50) Estimated to be greater than 5000 mg/kg (rat).
DERMAL (LD50) Estimated to be greater than 2000 mg/kg (rat).**Effects of Chronic Exposure** None known.**Other Toxic Effects** None known.**Section 12. Ecological Information**

Not available.

Section 13. Disposal Considerations**Waste Information** No special precautions. Dispose of according to all federal, state and local regulations.**Section 14. Transport Information****DOT Classification****DOT Proper Shipping Name** Please refer to the Bill of Lading/receiving documents for up to date shipping information.**TDG Classification****TDG Proper Shipping Name** Please refer to the Bill of Lading/receiving documents for up to date shipping information.**Section 15. Regulatory Information****Reporting in this section is based on ingredients disclosed in Section 2****US Regulations****Federal** SARA 302/304/311/312 hazardous chemicals: Sodium Chloride, Lauryl Dimethyl Amine Oxide, Ethyl Alcohol
SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Sodium Chloride, Lauryl Dimethyl Amine Oxide, Ethyl Alcohol
CERCLA: Hazardous substances.: Ethyl Alcohol**State** New Jersey: Ethyl Alcohol
Massachusetts spill list: Ethyl Alcohol
Massachusetts RTK: Ethyl Alcohol
Pennsylvania RTK: Ethyl Alcohol

This product is not subject to the reporting requirements under California's Proposition 65.

Registered Product Information Not applicable.



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Material Safety Data Sheet

Canadian Regulations

WHMIS Classification Class D-2B: Material causing other toxic effects (TOXIC).

WHMIS Icon



Registered Product Information Not applicable.

Chemical Inventory Status All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory. All the ingredients are on the DSL list.

Section 16. Other Information

Other Special Considerations Not available.

Version 1

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